



SEQUENCE LISTING

<110> Boehringer Ingelheim (Canada) Ltd.

<120> Hepatitis C Inhibitor Peptides

<130> 13/063-2-C2

<140> 09/368,670

<141> 1999-08-05

<150> 60/095,945

<151> 1998-08-10

<150> 60/055,186

<151> 1997-08-11

<150> 09/131,758

<151> 1998-08-10

<160> 54

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 1

<223> Asp is capped with Ac

<400> 1

Asp Asp Ile Val Pro Cys

1

5

<210> 2

<211> 12

<212> PRT

<213> Hepatitis C

<400> 2

Asp Asp Ile Val Pro Cys Ser Met Ser Tyr Thr Trp

1

5

10

<210> 3

<211> 12

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 1
 <223> Asp is capped with biotin

 <221> VARIANT
 <222> 10
 <223> Tyr is iodinated

 <400> 3
 Asp Asp Ile Val Pro Cys Ser Met Ser Tyr Thr Trp
 1 5 10

 <210> 4
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 4
 <223> Tyr is iodinated

 <400> 4
 Ser Met Ser Tyr Thr Trp
 1 5

 <210> 5
 <211> 17
 <212> PRT
 <213> Hepatitis C

 <400> 5
 Lys Lys Gly Ser Val Val Ile Val Gly Arg Ile Ile Leu Ser Gly Arg
 1 5 10 15
 Lys

 <210> 6
 <211> 11
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 1
 <223> Asp is derivatized with anthranilyl

 <221> VARIANT
 <222> 6
 <223> Xaa=Abu

 <221> VARIANT
 <222> (6)...(7)
 <223> Abu-A between 6 and 7 is C(O)-O

 <221> VARIANT

<222> 9
 <223> Tyr is derivatized with 3-NO2

 <400> 6
 Asp Asp Ile Val Pro Xaa Ala Met Tyr Thr Trp
 1 5 10

 <210> 7
 <211> 4
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 1
 <223> Ala is succinylated

 <221> VARIANT
 <222> 4
 <223> Phe is derivatized with para-nitro-aniline

 <400> 7
 Ala Ala Pro Phe
 +

 <210> 8
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 1
 <223> Asp is acetylated

 <400> 8
 Asp Asp Ile Val Pro Cys
 1 5

 <210> 9
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 1
 <223> Glu is acetylated

 <400> 9
 Glu Asp Ile Val Pro Cys
 1 5

 <210> 10

<211> 5
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is capped with DAD

<400> 10
Asp Ile Val Pro Cys
1 5

<210> 11
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 11
Asp Glu Ile Val Pro Cys
1 5

<210> 12
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 12
Asp Val Ile Val Pro Cys
1 5

<210> 13
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 2
<223> Xaa=Tbg

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 13
Asp Xaa Ile Val Pro Cys
1 5

<210> 14
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 14
Asp Asp Val Val Pro Cys
1 5

<210> 15
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 3
<223> Xaa=Chg

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 15
Asp Asp Xaa Val Pro Cys
1 5

<210> 16
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 3
<223> Xaa=Tbg

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 16
Asp Asp Xaa Val Pro Cys
1 5

<210> 17
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 17
Asp Asp Leu Val Pro Cys
1 5

<210> 18
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 18
Asp Asp Ile Ile Pro Cys
1 5

<210> 19
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 4
<223> Xaa=Chg

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 19
Asp Asp Ile Xaa Pro Cys
1 5

<210> 20
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=Abu

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 20
Asp Asp Ile Val Xaa Cys
1 5

<210> 21
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 21
Asp Asp Ile Val Leu Cys
1 5

<210> 22
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 22
Asp Asp Ile Val Phe Cys
1 5

<210> 23
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 23
Asp Asp Ile Val Val Cys
1 5

<210> 24
<211> 6
<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 24

Asp Asp Ile Val Ile Cys

1

5

<210> 25

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 25

Asp Asp Ile Val Ala Cys

1

5

<210> 26

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 5

<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 26

Asp Asp Ile Val Xaa Cys

1

5

<210> 27

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 6

<223> Xaa=Abu

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 27

Asp Asp Ile Val Pro Xaa
1 5

<210> 28

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 28

Asp Asp Ile Val Pro Xaa
1 5

<210> 29

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 6

<223> Xaa=AlGly

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 29

Asp Asp Ile Val Pro Xaa
1 5

<210> 30

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 6

<223> Xaa=Acpe

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 30
Asp Asp Ile Val Pro Xaa
1 5

<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

<210> 31
<211> 6
<212> PRT
<213> Hepatitis C

<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 31
Asp Asp Ile Val Pro Xaa
1 5

<210> 32
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=Pip

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 32
Asp Asp Ile Val Xaa Xaa
1 5

<210> 33
<211> 6
<212> PRT
<213> Hepatitis C

<220>
 <221> VARIANT
 <222> 2
 <223> Xaa=Tbg

 <221> VARIANT
 <222> 6
 <223> Xaa=Nva

 <221> VARIANT
 <222> 1
 <223> Asp is acetylated

 <400> 33
 Asp Xaa Ile Val Pro Xaa
 1 5

 <210> 34
 <211> 5
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 5
 <223> Xaa=Nva

 <221> VARIANT
 <222> 1
 <223> Asp is capped with DAD

 <400> 34
 Asp Ile Val Pro Xaa
 1 5

 <210> 35
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 3
 <223> Xaa=Chg

 <221> VARIANT
 <222> 1
 <223> Asp is acetylated

 <400> 35
 Asp Glu Xaa Glu Glu Cys
 1 5

 <210> 36

<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 3
<223> Xaa=Chg

<221> VARIANT
<222> 5
<223> Xaa=Glu(OBn)

<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 36
Asp Glu Xaa Val Xaa Xaa
1 5

<210> 37
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 37
Asp Asp Ile Val Xaa Xaa
1 5

<210> 38
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 38

Asp Asp Ile Val Xaa Xaa

1 5

<210> 39

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 5

<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 39

Asp Asp Ile Val Xaa Xaa

1 5

<210> 40

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 5

<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 40

Asp Asp Ile Val Xaa Xaa

1 5

<210> 41
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 5
 <223> Xaa=derivatized Hyp

 <221> VARIANT
 <222> 6
 <223> Xaa=Nva

 <221> VARIANT
 <222> 1
 <223> Asp is acetylated

 <400> 41
 Asp Asp Ile Val Xaa Xaa
 1 5

<210> 42
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 5
 <223> Xaa=derivatized Hyp

 <221> VARIANT
 <222> 6
 <223> Xaa=Nva

 <221> VARIANT
 <222> 1
 <223> Asp is acetylated

 <400> 42
 Asp Asp Ile Val Xaa Xaa
 1 5

<210> 43
 <211> 6
 <212> PRT
 <213> Hepatitis C

 <220>
 <221> VARIANT
 <222> 5
 <223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 43

Asp Asp Ile Val Xaa Xaa

1

5

<210> 44

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 5

<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 44

Asp Asp Ile Val Xaa Xaa

1

5

<210> 45

<211> 6

<212> PRT

<213> Hepatitis C

<220>

<221> VARIANT

<222> 5

<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6

<223> Xaa=Nva

<221> VARIANT

<222> 1

<223> Asp is acetylated

<400> 45

Asp Asp Ile Val Xaa Xaa

1

5

<210> 46
<211> 5
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 46
Asp Ile Val Xaa Xaa
1 5

<210> 47
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 47
Asp Asp Ile Val Xaa Xaa
1 5

<210> 48
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT

<222> 6
<223> Xaa=AcCa

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 48
Asp Glu Ile Val Xaa Xaa
1 5

<210> 49
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 49
Asp Asp Ile Val Xaa Xaa
1 5

<210> 50
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 50
Asp Asp Ile Val Pro Xaa
1 5

<210> 51
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 51
Asp Asp Ile Val Xaa Xaa
1 5

<210> 52
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 52
Asp Asp Ile Val Xaa Xaa
1 5

<210> 53
<211> 6
<212> PRT
<213> Hepatitis C

<220>
<221> VARIANT
<222> 5
<223> Xaa=derivatized Hyp

<221> VARIANT
<222> 6
<223> Xaa=Nva

<221> VARIANT
<222> 1

<223> Asp is acetylated

<400> 53

Asp Asp Ile Val Xaa Xaa
1 5